

ATTACHMENT A

Remarks

Considering the matters raised in the Office Action in the same order as raised, claims 1-4 and 6-24 have been rejected under 35 U.S.C. §102 (b) as being “anticipated by” the cited Parsons patent. Claim 5 has been rejected under 35 U.S.C. 103(a) as being unpatentable over Parsons and Kudirka et al while claim 6, 12 and 22 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Parsons and Holtzblatt et al. These rejections are respectfully traversed although the claims have been amended in order to more clearly define over the references cited. In the latter regard, claim 1-24 have been cancelled and replaced by new claims 25-42.

One important aspect of the present invention concerns the provision of a method and system wherein, in an exemplary embodiment, the source Web page, i.e., the page that is used to launch the next pages from, can be reformatted with additional link objects that are visible on that source page. Moreover, this occurs without any action required on the part of the user. In other words, by simply looking at the page, the user can see that there are additional link-options available for, e.g., opening the target page.

The Parsons patent relates to an interaction framework based on user configurable view links wherein a view link is created by dragging an icon from a source view and dropping the icon onto a target view. In other words, the Parsons patent requires the user to drag the target page links to a target area or at least launch a menu which allows that choice. The Parsons patent is focused on embodiments involving a persistent relationship between some target page and the link view. After knowing to drag links, the user would then somehow know to go back to the source page and click on different links to see them appear in the target area. It is noted that the Parsons patent does mention a “clone” aspect wherein the target page is launched without the persistence between source and target, but, in any event, the basic approach disclosed in the reference is clearly different from that of the present invention.

In contrast to the operations provided for in the Parsons patent, the present invention provides more predictable browser behavior, and it is respectfully submitted

that the Parsons patent does not teach the present invention as claimed in the claims now presented. In this regard, all of the independent claims, except for claim 42, provide for reformatting and displaying the received data with the link-option data incorporated therein to produce a display of both the link and link-option data wherein a visible presentation of an additional link-option corresponding to the link-option data is provided to a user and thus by selection of the additional link-option, the user can retrieve the information independently of retrieving the information in response to selection of the link. It is respectfully submitted that for at least this reason, these claims define over the Parsons patent (as well as over Parsons in combination with either of the secondary references).

With respect to claim 42, this claim recites, inter alia, that the link-option data comprises code capable of presenting a menu to the user in response to a cursor dwelling on the link for a predetermined time, that the menu consists solely of icons and that the menu includes at least two of: a first additional link capable of retrieving the information for display in a current presentation instance, a second additional link capable of retrieving the information for display in a separate presentation instance overlaid upon the current presentation instance, a third additional link capable of retrieving the information for display in a separate presentation instance side-by-side with the current presentation instance, and a fourth additional link capable of retrieving the information for display in a separate presentation instance and minimizing the current presentation instance. This claim is particularly concerned with the embodiment of Figure 4 wherein a highly simplified menu consisting solely icons or of symbols is presented in response to dwelling on the link for a predetermined time.

It is respectfully submitted that the features of claim 42 are not taught by the Parsons patent nor by a combination of the Parsons patent and the Holtzblatt et al patent, assuming for the sake of argument, that this combination is indeed an obvious one.

Allowance of the application in its present form is respectfully solicited, respectfully submitted.

End Remarks

ATTACHMENT B

Amendments to the Specification

Please replace the paragraph at page 20, with the following amended paragraph.

~~The present invention is directed to a~~ A method for processing data containing ~~contains~~ links to information in a data browsing system, thereby providing user control over link activation behavior. As data is received, it is parsed to identify a link. Link-option data is then generated and inserted into the received data, such that a user may retrieve the information identified by the link in response to selection of the link-option data independent of retrieving the information in response to selection of the link. For example, the link-option data may be capable of retrieving the information for display in a current presentation instance, in a separate presentation instance overlaid upon the current presentation instance, in a separate presentation instance side-by-side with the current presentation instance, or in a separate presentation instance with minimization of the current presentation instance.

ATTACHMENT C

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-24. (Cancelled)

25. (New) A computer implemented method for link-level control of browser presentations, comprising the steps of:

receiving data, wherein the data includes a selectable link to information;

parsing the received data to identify the link;

generating selectable link-option data, wherein the link-option data is capable of retrieving the information in response to selection of the link-option data independently of retrieving the information in response to selection of the link;

inserting the link-option data into the received data before presenting the received data to a user; and

reformatting and displaying the received data with the link-option data incorporated therein to produce a display of both the link and link-option data wherein a visible presentation of an additional link-option corresponding to the link-option data is provided to a user and thus by selection of the additional link-option, the user can retrieve the information independently of retrieving the information in response to selection of the link.

26. (New) The computer-implemented method of claim 25, wherein the link-option data is selectable by a cursor control device.

27. (New) The computer-implemented method of claim 25, wherein a plurality of links are displayed, wherein the links are provided with a simple identifier, and the link-option data is selectable by voice input using the corresponding identifier.

28. (New) The computer-implemented method of claim 27, wherein the identifiers are numbers.

29. (New) The computer-implemented method of claim 25, wherein said link-option data represents a plurality of different additional links.

30. (New) The computer-implemented method of claim 25, wherein the link-option data comprises at least one of a first additional link capable of retrieving the information for display in a current presentation instance, a second additional link capable of retrieving the information for display in a separate presentation instance overlaid upon the current presentation instance, a third additional link capable of retrieving the information for display in a separate presentation instance side-by-side with the current presentation instance, and a fourth additional link capable of retrieving the information for display in a separate presentation instance and minimizing the current presentation instance.

31. (New) The computer-implemented method of claim 25, wherein the link-option data comprises at least one additional link to the information capable of at least one of: retrieving the information for editing in an editor program, sending the link to another user, and retrieving the information for storage on a data storage device.

32. (New) A computer readable medium having stored thereon one or more sequences of instructions for causing one or more processors to perform a method for link-level control of browser presentations, the method comprising the steps of:

- receiving data, wherein the data includes a selectable link to information;
- parsing the received data to identify the link;
- generating selectable link-option data, wherein the link-option data is capable of retrieving the information in response to selection of the link-option data independently of retrieving the information in response to selection of the link;
- inserting the link-option data into the received data before presenting the received data to a user;
- reformatting and displaying the received data with the link-option data incorporated therein to produce a display of both the link and link-option data wherein a visible presentation of an additional link-option corresponding to the link-option data is provided to a user and thus

by selection of the additional link-option, the user can retrieve the information independently of retrieving the information in response to selection of the link.

33. (New) The computer readable medium of claim 32, wherein the link-option data comprises at least one of: a first additional link capable of retrieving the information for display in a current presentation instance, a second additional link capable of retrieving the information for display in a separate presentation instance overlaid upon the current presentation instance, a third additional link capable of retrieving the information for display in a separate presentation instance side-by-side with the current presentation instance, and a fourth additional link capable of retrieving the information for display in a separate presentation instance and minimizing the current presentation instance.

34. (New) The computer readable medium of claim 32, wherein the link-option data comprises at least one additional link to the information capable of at least one of: retrieving the information for editing in an editor program, sending the link to another user, and retrieving the information for storage on a data storage device.

35. (New) The computer readable medium of claim 32, wherein the one or more sequences of instructions are configured for installation in an existing browser on a data browsing apparatus.

36. (New) A system for link-level control of browser presentations, comprising means for receiving data, wherein the data includes a selectable link to
information;
means for parsing the received data to identify the link;
means for generating selectable link-option data, wherein the link-option data is capable of retrieving the information in response to selection of the link-option data independent of retrieving the information in response to selection of the link;
means for inserting the link-option data into the received data before presenting the received data to a user; and

means for reformatting and displaying the received data with the link-option data incorporated therein to produce a display of both the link and link-option data wherein a visible presentation of an additional link-option corresponding to the link-option data is provided to a user and thus by selection of the additional link-option, the user can retrieve the information independently of retrieving the information in response to selection of the link.

37. (New) A data browsing apparatus, comprising:

a processor;

a memory coupled to the processor;

a network interface coupled to the processor; and

logic capable of being executed by the processor for receiving data via the network interface wherein the data includes a selectable link to information, parsing the received data to identify the link, generating selectable link-option data wherein the link-option data is

capable of retrieving the information in response to selection of the link-option data

independent of retrieving the information in response to selection of the link, inserting the link-option data into the received data, and

reformatting and displaying the received data with the link-option data incorporated therein to produce a display of both the link and link-option data wherein a visible presentation of an additional link-option corresponding to the link-option data is provided to a user and thus by selection of the additional link-option, the user can retrieve the information independently of retrieving the information in response to selection of the link.

38. (New) The data browsing apparatus of claim 37, wherein the logic is implemented as a user interface program stored on the memory.

39. (New) The data browsing apparatus of claim 37, wherein the logic is implemented by the network interface.

40. (New) The data browsing apparatus of claim 37, wherein the link-option data comprises at least one of: a first additional link capable of retrieving the information for display in a current presentation instance, a second additional link capable of retrieving the information for display in a separate presentation instance overlaid upon the current presentation instance, a third additional link capable of retrieving the information for display in a separate presentation instance side-by-side with the current presentation instance, and a fourth additional link capable of retrieving the information for display in a separate presentation instance and minimizing the current presentation instance.

41. (New) The data browsing apparatus of claim 37 wherein the link-option data comprises at least one additional link to the information capable of at least one of: retrieving the information for editing in an editor program, sending the link to another user, and retrieving the information for storage on a data storage device.

42. (New) A computer implemented method for link-level control of browser presentations, comprising the steps of:

receiving data, wherein the data includes a selectable link to information;

parsing the received data to identify the link;

generating selectable link-option data, wherein the link-option data is capable of retrieving the information in response to selection of the link-option data independently of retrieving the information in response to selection of the link; and

inserting the link-option data into the received data before presenting the received data to a user;

the link-option data comprising code capable of presenting a menu to the user in response to a cursor dwelling on the link for a predetermined time, the menu consisting solely of icons and including at least two of: a first additional link capable of retrieving the information for display in a current presentation instance, a second additional link capable of retrieving the information for display in a separate presentation instance overlaid upon the currently presentation instance, a third additional link capable of retrieving the information for display in a separate presentation instance side-by-side with the current presentation instance, and a fourth additional link capable

of retrieving the information for display in a separate presentation instance and minimizing the current presentation instance.